

Power Cost Memorandum Fuel Cost Update

Date: August 5, 2021

Utility Name (Cert. No.) Alutiq Power Company (683)	Utility File No. PC67-0417H	Date Filed: June 28, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC67-0417G	Staff Recommended Level(s) and Effective Date PC67-0417H
Class Rate	<u>Date Approved:</u> July 1, 2021	August 6, 2021
ALL	\$0.0000	\$0.0000
<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim		

Prior Fuel Purchase Price: <u>\$ 3.2662</u>	New Fuel Purchase Price: \$ 2.9643
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: <u>varies</u>	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	70	X	3.2662	=	228.64
Delivered	30,617	X	2.9636	=	90,736.59
	<u>30,687</u>				<u>\$ 90,965.22</u>
					Weighted Average <u>\$ 2.9643</u>

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Signed: Brenda Cox
Brenda Cox Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 8/5/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KIL</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>DS</u> DS		
Wilson	8/6/2021	<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

ALUTIIQ POWER COMPANY

APPENDIX 1

POWER COST EQUALIZATION CALCULATION FOR TEST PERIOD ENDING DECEMBER 31, 2016 Fuel Cost Update

	PC67-0417G	PC67-0417H	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	213,859	213,859	213,859
B. Total kWh Sold	191,854	191,854	191,854
C. Total Non-Fuel Costs (Appendix 2)	54,916	54,916	54,916
D. Non-Fuel Cost/kWh (C / B)	\$0.2862	\$0.2862	\$0.2862
E. Total Fuel Costs (Appendix 2)	63,662	57,777	57,777
F. Fuel Costs/kWh (E / B)	\$0.3318	\$0.3011	\$0.3011
G. Eligible Costs/kWh (D + F)	\$0.6180	\$0.5874	\$0.5874
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.4177	\$0.3871	\$0.3871
I. Lesser of (H) or 79.97 cents/kWh	\$0.4177	\$0.3871	\$0.3871
J. Average Class Rates (Appendix 3) All	\$0.4997	\$0.4997	\$0.4997
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) All	\$0.3968	\$0.3677	\$0.3677
Funding Level in Effect	*0%	0%	0%
L. All	\$0.0000	\$0.0000	\$0.0000

*Order U-21-019(3), dated July 22, 2021, determined the PCE amount to be 00.00 cents/kWh, for bills rendered on or after July 1, 2021.

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Appendix 1

ALUTIIQ POWER COMPANY

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY FOR TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update

		PC67-0417G	PC67-0417H	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	46,715	46,715	46,715
B.	Operating Expenses	4,773	4,773	4,773
C.	General & Administrative	2,208	2,208	2,208
D.	Depreciation	486	486	486
E.	Interest Expense	734	734	734
F.	Other	-	-	-
G.	Total Non-Fuel Costs	\$54,916	54,916	\$54,916
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	19,491	19,491	19,491
I.	Price of Fuel:(per gal) Weighted Average	\$3.2662	\$2.9643	\$2.9643
J.	Total Fuel Costs	\$63,662	\$57,777	\$57,777
K.	kWh Generated	213,859	213,859	213,859
L.	kWh Sales	191,854	191,854	191,854
M.	Station Service	2,335	2,335	2,335
N.	Efficiency (K / H)	≥ <u>Standard</u> 10.5	10.97	10.97
O.	Line Loss	≤ 12%	9.20%	9.20%
(kWh Generated - (kWh Sold + Station Service)/kWh Generated				

Weighted Average Cost of Fuel

	<u>Gallons</u>		<u>Price</u>	<u>Cost</u>	<u>Weighted Average</u>
On-hand before deliv.	70	X	3.2662	\$229	
Delivered	30,617	X	2.9636	\$90,737	
	<u>30,687</u>			<u>\$90,965</u>	\$2.9643

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Appendix 2

ALUTIIQ POWER COMPANY

Alternate Form
Appendix 3

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.7000		0.7000	350.0000		0.4997
to						
to						
to						
Max 500			Total	350.0000	0.7000	0.4997

ALUTIIQ POWER COMPANY

	Delivery Date	Gallons	Cost per Gallon	Delivery Charge	Total Cost
Beginning Fuel Inventory		70			
Last Approved Fuel Cost/Gal.			3.2662		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory					\$ 229
Reporting Period Purchases	08/03/20	6,600.00	2.1026	3,120	\$ 16,997
	09/14/20	8,000.00	2.1076	10,000	\$ 26,861
	10/15/20	8,017.10	2.1076	10,000	\$ 26,897
	01/17/21	8,000.00	2.1076	3,120	\$ 19,981
Totals for Reporting Period Purchases on this sheet:		30,617			\$ 90,737
Grand Totals (beginning inventory plus purchase:		30,687			\$ 90,965
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =					\$ 2.9636
Grand Total Cost divided by Grand Total Gallons =					\$ 2.9643

Signature: 

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